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COMPLIANCE MONITORING INSPECTION CHECKLIST

FOR

PERMITTED FACILITIES

South Carolina Department of
Health and Environmental Control

Bureau of Land and Waste Management

Compliance Monitoring Section

October 1, 1997

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SOUTH CAROLINA HAZARDOUS WASTE COMPLIANCE
INSPECTION CHECKLIST
PERMITTED FACILITIES
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The purpose of this inspection is to determine compliance with the South Carolina Hazardous Waste Management Regulations promulgated pursuant to Section 77-56-10 et seq. of the 1976 South Carolina Code of Laws, as amended.

Facility:_____ Date:_____

EPA ID Number:_____ Inspector:_____

Subparts A through E - 270 - Permit Requirements

	Has a Permit been issued? (in accordance with an approved interim status Part A and subsequent Part B review)		_____
	Is current permit up to date and representative of present site activities including the following: (Note: ANoC to the following may mean a violation - notify the Permit Section)		
	HW waste streams (codes)?		_____
270	If no, has a HW waste stream (code) been added without a revised Part A being submitted prior to the change	*	_____
	HW process design capacities?		_____
270	If no, has process capacity been increased without Departmental approval?	*	_____
	HW processes?		_____
270	If no, has a HW process been added without Departmental approval? *Note: "yes" indicates violation; if "yes", permitting Section should be notified.	*	_____
	Has a change in ownership or operational control occurred or is one scheduled to occur in the next 90 days?		_____
270	If yes, has a revised Part A been submitted reflecting this change?		_____
270	Has major reconstruction of the HW units and surrounding area occurred/been planned?		_____
	If yes, contact permitting section.		

Subpart B - General Facility Standards (**DGS**)

267.13 General Waste Analysis

267.13(a)(1)	Before any HW is stored, treated or disposed, is a chemical and physical analysis of a representative sample of the waste obtained?	_____
267.13 (a)(3)(i)	Is this analysis repeated when the process generating HW changes?	_____

267.13 (a)(3)(ii)	(For Off-site Facilities) Is this analysis repeated when the HW received does not match that waste designated on the manifest?	_____
267.13(a)(7)	(For Off-site Facilities) Is each HW received, inspected and analyzed to determine if it matches the identity of the HW on the manifest.	_____
267.13(b)	Is a written waste analysis plan maintained on site? (If yes complete the following)	_____
	For each HW does it include:	
267.13(b)(1)	Parameters and rationale for selection of those parameters?	_____
267.13(b)(2)	Test Methods for parameters?	_____
267.13(b)(3)	Sampling Methods?	_____
267.13(b)(7)	Frequency with which the initial analysis will be repeated and reviewed?	_____
267.13(b)(5)	(For Off-site Facilities) HW analyses generators have agreed to supply?	_____
267.13(b)(6)	Where applicable, the methods which will be used to meet the additional waste analysis requirements for specific waste management methods as specified in sections:	
	267.17 (Ignitable, Reactive, and Incompatible wastes)	_____
	265.317 (Landfills)	_____
	265.371 (Incinerators)	_____
	265.1037(d) (AA, Air Emissions for vents	_____
	265.1063(d) (BB, Air Emissions for Equipment leaks)	_____
	268.7 (Land Disposal Restrictions)	_____
267.13(b)(7)	For surface impoundments exempted from LDR under 268.7(a), do procedures and a schedule exist for:	
	(i) The sampling of impoundment contents?	_____
	(ii) The analysis of test data?	_____
267.13 (c)(1)	(For Off-site Facilities) Does waste analysis plan include procedures used to determine the identity of each movement of HW?	_____
267.13 (c)(2)	Does waste analysis plan describe sampling method to be used to obtain representative sample of the waste to be identified?	_____

<u>267.17 Security</u>

267.17	Has it been demonstrated that contact with the HW, structures, equipment of the active portion, will not injure persons/ livestock?	_____
	If yes, explain. _____	
	_____	
	If no, are these present:	
267.17(b)(1)	Adequate security provided through a 27-hour surveillance system (TV or guard)?	_____
267.17(b)(2)(i)	Artificial or natural barrier surrounding the active portions?	_____
267.17 (b)(2)(ii)	Means to control entry through entrances?	_____
267.17(c)	Signs (e.g. Danger-Unauthorized Personnel Keepout) posted at each entrance to all active portions?	_____

267.15 General Inspection Requirements

Does the operator inspect for the following:

267.15(a)	Malfunctions?	_____
267.15(a)	Operator Errors?	_____
267.15(a)	Unpermitted discharges?	_____
267.15(b)(2)	Is a written inspection schedule maintained on site?	_____
	If yes, does it identify:	
267.15(b)(1)	Monitoring equipment?	_____
267.15(b)(1)	Safety and emergency equipment?	_____
267.15(b)(1)	Security devices?	_____
267.15(b)(3)	Types of problems?	_____
267.15(b)(7)	Frequency of inspections? (As applicable to subparts I-Q, and AA and BB where necessary)	_____
267.15(d)	Is a written inspection log maintained on site?	_____
	If yes, does it identify:	
267.15(d)	Time of inspection?	_____
267.15(d)	Date of inspection?	_____
267.15(d)	Name of inspector?	_____
267.15(d)	Notation of observation?	_____
267.15(d)	Nature of repair/remedial action?	_____
267.15(d)	Date of repair/remedial action?	_____
267.15(d)	Is the inspection log retained on site for three (3) years?	_____

267.16 Personnel Training

267.16(a)(1)	Do personnel complete a program of classroom or on-the-job training?	_____
	If yes, complete the following:	
267.16(a)(2)	Is this program directed by a person trained in HW management procedures?	_____
267.16(a)(2)	Does this training program include instruction which teaches facility personnel hazardous waste management procedures relevant to the positions in which they are employed?	_____
267.16(a)(3)	Are personnel trained to respond effectively to emergencies?	_____
	If yes, does training include where applicable:	
267.16(a)(3)(i)	Procedures for using, inspecting and repairing emergency and monitoring equipment?	_____
267.16(a)(3)(ii)	Key parameters for automatic waste feed cut-off systems?	_____
267.16(a)(3)(iii)	Use of communication/alarm systems?	_____
267.16(a)(3)(iv)	Response to fires/explosions?	_____
267.16(a)(3)(v)	Response to GW contamination?	_____
267.16(a)(3)(vi)	Shutdown of operations?	_____
267.16(b)	Is training administered to employees in new positions within six (6) months?	_____
267.16(c)	Is an annual review of the initial training program conducted?	_____
	Are the following written HW-related training records maintained for each employee:	
267.16(d)(1)	Name of employee and job title?	_____
267.16(d)(2)	Job description which must include skills, education, duties assigned?	_____
267.16(d)(3)	Type and amount of training administered?	_____
267.16(d)(7)	Documentation that training/job experience was received by employee?	_____
267.16(e)	Are training records for current personnel kept until closure?	_____
267.16(e)	Are training records for former employees kept for three (3) years?	_____

267.17 General Requirements for Ignitable, Reactive, or Incompatible Waste

	Does facility handle ignitable (Defined: 261.21) or reactive (Defined:	_____

	261.23) waste?	
	If yes:	
267.17(a)	Is this HW protected from sources of ignition/reaction?	_____
267.17(a)	Are "No Smoking" signs present in this area?	_____
	Are precautions taken to prevent reactions which produce:	_____
267.17(b)(1)	Extreme heat/pressure?	_____
267.17(b)(2)	Toxic fumes/dusts?	_____
267.17(b)(3)	Flammable fumes?	_____
267.17(b)(7)	Damage to the structural integrity of the device or facility containing the waste?	_____

Subpart C - Preparedness and Prevention (**DPP**)

Note: Facilities must be maintained and operated to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden releases of hazardous wastes or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment. (267.31)

Has it been demonstrated that certain equipment (as listed below) are not required?

If yes, explain. _____ _____

_____

If no, are the following present:

267.32(a)	Communication and alarm system?	_____
267.32(b)	Telephone and two-way radio?	_____
267.32(c)	Portable fire extinguisher and fire control equipment?	_____
267.32(c)	Spill control equipment?	_____
267.32(c)	Decontamination equipment?	_____
267.32(d)	Water reserve at adequate volume and pressure?	_____
267.33	Is all equipment (if listed above) tested/maintained to assure proper operation?	_____
267.37	Do employees who handle HW have immediate access to an alarm and communication device (if listed above)?	_____
267.37(b)	Do employees working alone with HW have immediate access to an alarm and communication device (if listed above)?	_____
267.35	Is aisle space adequate for unobstructued movement of emergency personnel and fire, spill and decontamination equipment (unless demonstrated to the Department otherwise)?	_____
267.37(a)(1)	Have arrangements been made to familiarize police fire and emergency response teams with the layout of the facility, entrances and evacuation routes?	_____
267.37(a)(2)	If applicable, has a primary police/fire emergency response team been assigned?	_____
267.37(a)(3)	Have arrangements been made to include state emergency response teams, contractors, and equipment as backup?	_____
267.37(a)(7)	Have arrangements been made to familiarize local hospitals with the HW handled?	_____
267.37(b)	If state or local authorities refuse to enter into such arrangements, is this documented in the operating record?	_____

Subpart D - Contingency Plans & Emergency Procedures (**DCP**)

267.51(a)	Has industry developed a contingency plan?	_____
267.52(b)	Has industry developed an SPCC Plan?	_____
	Do either of these plans include:	
267.52(a)	A description of the emergency responses personnel must follow?	_____
267.52(c)	Arrangements with police/fire department/hospitals/contractors/state and local emergency response teams?	_____
267.52(d)	An updated list of names, addresses and phone numbers (office and home) of emergency coordinator/s?	_____
267.52(d)	Designation of a primary emergency coordinator (if applicable)?	_____

267.52(e)	An updated list of all emergency equipment?	_____
267.52(e)	The description and location of such equipment and brief description of its capabilities?	_____
267.52(f)	An evacuation plan if evacuation could be necessary which includes:	_____
	1. A signal to begin evacuation?	_____
	2. Evacuation routes and alternate routes?	_____
	Is an updated copy of the contingency plan:	
267.53(a)	Maintained at facility?	_____
267.53(b)	Submitted to local police/fire department/hopsitals/state and local emergency response teams?	_____
267.57	Is contingency plan amended and updated as changes occur at the site (or previous use of plan failed)?	_____
267.55	Is an emergency coordinator on call/or on site at all times?	_____
267.52(a)	Does the contingency plan include the steps to be taken in possible emergency situations?	_____
	Has the operator ever implemented the contingency plan?	_____
267.56(j)	If yes, was a written report of the incident submitted to the Department within 15 days?	_____

Subpart E - Manifest System, Recordkeeping & Reporting (**DMR**)

	Is HW received from off-site?	_____
	If yes, are copies of the manifest:	
267.71(a)(1)	Signed and dated?	_____
267.71(a)(2)	Checked for discrepancies?	_____
267.71(a)(3)	Signed copy given to transporter?	_____
267.71(a)(7)	Within 30 days, is a copy sent to generator?	_____
267.71(a)(5)	Retained for 3 years?	_____
	Is HW received from rail or water (bulk shipments)?	_____
267.71(b)	If yes, do copies of shipping papers include all information required on the manifest except EPA ID numbers, generator certification and signatures?	_____
	Have shipments of HW which were inconsistent with the manifest been received?	_____
267.72(b)	If yes, was discrepancy resolved with generator within 15 days?	_____

267.72(b)	If not resolved within 15 days, was written notice submitted to BLWM?	_____
267.73(a)	Is a written operating record maintained on site at the facility?	_____
	If yes, does it include:	
267.73(b)(1)	Description and quantity of each HW received?	_____
267.73(b)(2)	Location and quantity of HW on site?	_____
267.73(b)(3)	Records/results of waste analysis?	_____
267.73(b)(7)	Reports of incidents where contingency plan is used?	_____
267.73(b)(5)	Records/results of required inspection?	_____
267.73(b)(6)	Monitoring/testing and analytical data?	_____
267.73(b)(7)	For off-site facilities, notices to generators as specified in 267.12(b)?	_____
267.73(b)(8)	Closure/post-closure cost estimates?	_____
267.73(b)(9)	Waste minimization certification annually?	_____
267.73(b)(10)	Records of the quantities (and date of placement) for each shipment of hazardous waste placed in land disposal units under an extension to the effective date of LDR granted pursuant to 268.5?	_____
	Records of monitoring data required pursuant to a petition under 268.6?	_____
	Notification and certifications of LDR wastes?	_____
	For onsite and offsite treatment, storage, and disposal facilities, are the following records kept:	
267.73(b) (11-16)	Copies of notices, certification, and demonstrations (where applicable) for LDR wastes?	_____
267.73(b)	Are all of the above (except (b) (5) which needs to be kept 3 years and (b)(11-16) which need to be kept 5 years) maintained until closure?	_____

Required Notification

	Has HW been received from a foreign source? If yes:	_____
267.12(a)	Has written notice been filed with SCDHEC and EPA? Date: _____.	_____
267.12(b)	Is this written notice kept in the operating log (may be a signed waste profile or other approved form)?	_____

Quarterly Reporting and the Contingency Fund

267.75(a)	Has a quarterly report been completed in	_____

	accordance with the form's instructions and submitted no later than 30 days after the end of the quarter?	
267.78(a)	Has a fee of $37.00/ton of Hazardous Waste and $13.70/ton of Solid Waste generated and disposed of in the State by land disposal been paid quarterly to the Department (where applicable)?	_____
267.78(e)	Has a fee of $10.00/ton for Hazardous incinerated been paid quarterly to the Department (where applicable)?	_____
267.78(c)	Has a fee of $1.00/ton for HW in storage which is in excess of 50 tons paid quarterly (where applicable)?	_____
267.75(c)	Are copies of the quarterly reports retained for a period of 3 years or more?	_____

Unmanifested Waste Report(Off-Site Facilities)

	Have shipments of HW arrived unmanifested and been accepted for treatment, storage or disposal?	_____
267.76	If yes, has a written unmanifested waste report, as described in regulation 267.76 been submitted to BLWM within 15 days after receipt of HW? Note: If generator is a conditionally exempt small quantity generator no such report is necessary. Exception: GSX receives only manifested waste.	_____

Subpart F - Ground-Water Monitoring (**DGW**)

267.90(a)(1)	Is HW managed in a solid waste management unit?	_____
267.90(a)(2)	If AyesC does the facility comply with 267.101 (corrective action)?	_____
267.90(a)(2)	Is HW managed in a surface impoundment, landfill or land treatment area?	_____
267.90(a)(2)	If AyesC then are all applicable areas of this subpart complied with? (e.g., 267.91 through 267.100)	_____
267.97(a)	If yes, is a functioning HW GWM System present?	_____
	If no, has a GWM system/component been waived by SCDHEC?	_____
	If yes, explain _____	
	_____	
	_____	
267.97(c)	During the course of the onsite field investigation, did any of the wells inspected fail to have a locking cap, or appropriately maintained pad? (Citations can come from the South Carolina Well Standards and Regulation - Section 77-50-70 of the 1976 SC Code of Laws R.61-71.11 c(3)(6)).	_____
	Are the following records present:	
267.97(j)	All current and past GWM analyses?	_____
267.97(f)	GWM surface elevations?	_____
267.97(h)	Statistical evaluations?	_____
	Note: If evaluated by division of GWP please attach that evaluation.	

Subpart G - Closure/Post Closure (**DCL**)

267.112(a)	Does industry have a written closure plan?	_____
267.112(b)	Does the closure plan address all of the	_____

	permitted HW processes at the site?	
267.112(a)(1)	Is a written closure plan present on site?	_____
	If yes, does it contain the following elements:	
267.112 (b)(2)	A description of "how" and "when" facility will close?	_____
267.112 (b)(3)	An estimate of maximum inventory of wastes in storage/treatment?	_____
267.112 (b)(7)	A description of decontamination procedures?	_____
267.112 (b)(6)	A time schedule for closure?	_____
	Has this plan been evaluated by the BLWM Permitting Section?	_____
	If yes, was it deemed adequate?	_____
	Has there been any amendment/addition which would affect the status of the plan?	_____
	If yes, explain _____	
	_____	
	_____	
	_____	
	Note: If not evaluated or changes have occurred obtain a copy of the closure plan and refer it to the Permitting Section.	
	Note: Post-closure plans are not required for HW surface impoundments/waste piles which are proposing clean closure. All other HW surface impoundments, HW waste piles and HW land storage/treatment, disposal operations, are required to have a post-closure plan unless not required by BLWM. If a post-closure plan is required complete the following:	
267.118(a)	Does industry have a written post-closure plan?	_____
267.118(a)	Is a written post-closure plan present on site?	_____
	Has it been approved by the Department as part of the permit issuance?	_____
	Does the plan contain:	
267.118(b)(1)	A description of GWM activities and frequencies?	_____
267.118(b)(2)	A description of maintenance activities and frequencies?	_____
267.118(b)(3)	Names, addresses and phone numbers of post-closure contact/coordinator?	_____

Subpart H - Financial Responsibility

Note: A financial review will be done by the central office. Please attach that financial status report (if available).

Subpart I - Use and Management of Containers **(DGS)/(GRR)**

	Are storage containers maintained free from:	
267.171	Leaks?	_____
267.171	Deterioration?	_____
267.171	Structural defects?	_____
	Are containers:	
267.172	Compatible with the waste they contain?	_____
267.173(a)	Closed during storage, except to add or subtract waste?	_____
267.173(b)	Handled/stored in a way which may not cause leakage and/or rupture?	_____
267.173(c)	Permanently labeled: "Hazardous Waste Federal Law prohibits improper disposal."?	_____
267.173(d)	Appropriately labeled as to their contents with an EPA Hazardous Waste Number?	_____
267.177	Inspected at least weekly for leaks or deterioration?	_____
267.175	Does the container storage area have a secondary containment system?	_____
	If yes, is the system:	
267.175(b)(1)	Constructed of or lined with materials that are free of cracks or gaps and is sufficiently impervious to contain leaks, spills and accumulated precipitation until collected material is detected	_____

	and removed?	
267.175(b)(2)	Placed on a base that is sloped or is the containment system designed and operated to drain and remove liquids resulting from leaks, spills, or precipitation, unless the containers are elevated or are otherwise protected from contact with accumulated liquids?	_____
267.175(b)(3)	Designed with sufficient capacity to contain 10% of the volume of containers or the volume of containers or the volume of the largest container, whichever is greater?	_____
267.175(b)(7)	Designed so that run-on into the containment system is prevented, unless the collection system has sufficient excess capacity in addition to that required in 265.175(b)(3)?	_____
267.175(b)(5)	Designed as to remove spilled and/or leaked waste and accumulated precipitation from the sump and/or collection area in a timely manner as to prevent overflow of the collection system?	_____
267.176	Are ignitable or reactive waste located at least 15 meters (50 feet) from the facility's property line?	_____
267.177(a)	Are incompatible wastes stored in the same containers?	_____
267.177(b)	Are hazardous wastes being placed in unwashed containers that previously held incompatible wastes or materials?	_____
267.177(c)	Are incompatible wastes separated by a barrier in the storage area?	_____

Subpart J - Tanks **(DTR)**

267.190	Are tanks utilized for the storage and/or treatment of hazardous waste?	_____
	If yes:	
	A. Is the tank existing? (Installation on or prior to July 17, 1986)	_____
	B. A new tank?	_____
267.191(a)	Does the existing tank system have secondary containment?	_____
	If no:	
	Has the owner/operator determined that the tank system is not leaking or is unfit for use?	_____
	Was an assessment conducted by January 12, 1988, and is it kept on file at the facility?	_____
	At a minimum, did the assessment consider:	
267.191(b)(1)	Design standards, if available, according to which the tank and ancillary equipment are constructed?	_____
267.191(b)(2)	Hazardous characteristics of the waste(s) that have been or will be treated?	_____
267.191(b)(3)	Existing corrosion protection measures?	_____
267.191(b)(7)	Documented age of the tank system, if available?	_____
267.191(b)(5)	Results of a leak test, internal inspection or other tank integrity examination?	_____
267.191(b)(5)(i)	For non-enterable underground tanks, a leak test?	_____
267.191(b)(5)(ii)	For other than non-enterable underground tanks and for ancillary equipment, a leak test or an internal inspection and/or other tank integrity examination certified by an independent, qualified, registered P.E. that addresses cracks, leaks, corrosion and erosion?	_____
267.192(a)	Has the owner/operator of a new tank system or components ensured that the foundation, structural support, seams, connections, and pressure controls (if applicable) are adequately designed as to prevent collapse, rupture or failure?	_____
	Has a written assessment of the tank system and ancillary equipment been	_____

certified by an independent, qualified, registered P.E.?

Does the assessment, at a minimum, include:

267.192(a)(1)	Design standard(s) according to which the tank(s) and ancillary equipment is or will be constructed?	_____
267.192(a)(2)	Hazardous characteristics of the waste(s) to be handled?	_____

For a new tank in which the external shell of a metal tank or any metal component of the tank system is or will be in contact with the soil or with water, a determination by a corrosion expert of:

267.192 (a)(3)(i)(A)	Soil moisture content?	_____
267.192 (a)(3)(i)(B)	Soil pH?	_____
267.192 (a)(3)(i)(C)	Soil sulfides level?	_____
267.192 (a)(3)(i)(D)	Soil resistivity?	_____
267.192 (a)(3)(i)(E)	Structure to soil potential?	_____
267.192 (a)(3)(i)(F)	Influence of nearby underground metal structures?	_____
267.192 (a)(3)(i)(G)	Stray electric current?	_____
267.192 (a)(3)(i)(H)	Existing corrosion-protection measures?	_____

The type and degree of external corrosion-protection that are needed to ensure the integrity of the tank system, consisting of one or more of the following:

267.192 (a)(3)(ii)(A)	Corrosion-resistant materials of construction such as special alloys or fiberglass-reinforced plastic?	_____
	Or	
267.192 (a)(3)(ii)(B)	Corrosion-resistant coating?	_____
	Or	
267.192 (a)(3)(ii)(C)	Electrical isolation devices?	_____

267.192(a)(7)	For underground tanks, has a design determination been made to ensure protection against potential damage from vehicular traffic?	_____

Do design considerations ensure that:

267.192(a)(5)(i)	Tank foundations will maintain the load of a full truck?	_____
267.192(a)(5)(ii)	Tank systems will be anchored?	_____
267.192(a)(5)(iii)	Tank systems will withstand the effects of frost heave?	_____

267.192(b)	Did the owner/operator ensure proper handling procedures during installation?	_____
	If yes, was the system or component inspected for the presence of any of the following:	
267.192(b)(1)	Weld breaks?	_____
267.192(b)(2)	Punctures?	_____
267.192(b)(3)	Scrapes of protective coatings?	_____
267.192(b)(7)	Cracks?	_____
267.192(b)(5)	Corrosion?	_____
267.192(b)(6)	Other structural damage?	_____
267.192(c)	Did the owner/operator, if applicable, use a noncorrosive, porous, homogeneous substance for backfill?	_____
267.192(d)	Did the owner/operator perform a test for tightness prior to installation, if applicable?	_____
267.192(e)	Is ancillary equipment supported and protected against physical damage and settlement, vibration, expansion or contraction?	_____
267.192(f)	Has the owner/operator provided the necessary corrosion protection necessary to ensure the integrity of the tank system during the use of the tank system?	_____
267.192(g)	Does the owner/operator have on file at the facility, a copy of all applicable certifications with regard to design and installation of the tank system?	_____
267.193(a)	Is secondary containment provided?	_____
	If yes, the system must be:	
267.193(b)(1)	Designed, installed and operated to prevent any migration of waste or accumulated liquids?	_____
267.193(b)(2)	Capable of detecting and collecting releases?	_____
	At a minimum, secondary containment must be:	
267.193(c)(1)	Constructed or of lined with compatible materials with the waste to be placed in tanks, and provide sufficient strength and thickness to prevent failure?	_____
267.193(c)(2)	Placed on a solid foundation?	_____
267.193(c)(3)	Provided with a leak detection system?	_____
267.193(c)(7)	Sloped?	_____
	Secondary containment must have one or more of the following:	
267.193(d)(1)	A liner?	_____
	Or	
267.193(d)(2)	A vault?	_____
	Or	

267.193(d)(3)	A double walled tank?	_____
	Or	
267.193(d)(7)	An equivalent device approved by the Department?	_____

External liner systems must be:

267.193(e)(1)(i)	Designed to contain 100% of the capacity of the largest tank within its boundary?	_____
267.193(e)(1)(ii)	Designed to prevent run-on?	_____
267.193(e)(1)(iii)	Free of cracks or gaps?	_____
267.193(e)(1)(iv)	Capable of preventing lateral as well as vertical migration of the waste?	_____

Vault systems must be:

267.193(e)(2)(i)	Designed to contain 100% of the capacity of the largest tank within its boundary?	_____
267.193(e)(2)(ii)	Designed to prevent run-on?	_____
267.193(e)(2)(iii)	Constructed with chemical-resistant water stops in place at all joints, if applicable?	_____
267.193(e)(2)(iv)	Provided with a compatible, impermeable interior coating or lining?	_____
267.193(e)(2)(v)	Provided with a means to protect against the formation of and ignition of vapors within the vault, if applicable?	_____
267.193(e)(2)(vi)	Provided with an exterior moisture barrier?	_____

Double walled tanks must be:

267.193(e)(3)(i)	Designed with an integral structure?	_____
267.193(e)(3)(ii)	Protected from both corrosion of the primary tank interior and the external surface of the outer shell?	_____
267.193(e)(3)(iii)	Provided with a built-in, continuous lead detection system?	_____
267.193(f)	Is ancillary equipment provided with full secondary containment?	_____
267.193(g)	Has the owner/operator received a variance from the above requirements by the Department?	_____
267.197(a)	Does the owner/operator place hazardous waste or treatment reagents in tank systems that could cause the tank, ancillary equipment or secondary containment to rupture, leak, corrode or otherwise fail?	_____
267.197(b)	Does the owner/operator use appropriate controls and practices to prevent spills and overflows?	_____
267.197(c)	Does the owner/operator comply with all requirements of 265.196 when a leak or spill occurs in the tank system?	_____

Does the owner/operator, at least daily, during each operating day, inspect for the following:

267.195(a)(1)	Overfill/spill control equipment?	_____
267.195(a)(2)	Aboveground portions of the tank system?	_____
267.195(a)(3)	Data gathered from monitoring equipment?	_____
267.195(a)(7)	Erosion or signs of releases?	_____
267.195(b)(1)	Has the owner/operator confirmed the proper operation of the cathodic protection system,within six months of installation, and annually thereafter?	_____
267.195(b)(2)	Are all sources of impressed current inspected and/or tested at least bimonthly?	_____
267.195(c)	Does the owner/operator document, in the operating record, inspections of the above?	_____
267.196	Has the tank system or secondary containment ever leaked or been deemed unfit for use?	_____
	If yes, did the owner/operator satisfy the following:	
267.196(a)	Cessation of use?	_____
267.196(b)	Removal of waste from the tank system or secondary containment?	_____
267.196(c)	Containment of visible releases to the environment?	_____
	If yes, the owner/operator must:	
267.196(c)(1)	Prevent further migration of the leak or spill?	_____
267.196(c)(2)	Remove and properly dispose of any visible contamination of the soil and surface water?	_____
267.196(d)(1)	Notify the Department within 27-hours of detection?	_____
267.196(d)(3)	Within 30 days of detection, submit a written report to the Department?	_____
267.196(e)	Provision of secondary containment, repair, or closure?	_____
267.196(f)	Certification of major repairs?	_____
267.197(a)	At closure, did the owner/operator remove or decontaminate all system components and manage them as hazardous waste per the facility's closure plan as required in subparts G and H of this part?	_____
267.197(b)	Has the owner/operator demonstrated that the tank system must be closed as a landfill?	_____
267.198(a)	Does the owner/operator place ignitable or reactive waste(s) in the tank system?	_____
	If yes, are the waste(s) treated, rendered, or mixed before or immediately after placement in the tank system to:	
267.198(a)(1)(i)	No longer met the definition of ignitable or reactive?	_____

267.198(a)(2)	Stored or treated to protect from ignition or reaction?	_____
267.198(a)(3)	Used solely for emergencies?	_____
267.198(b)	Does the owner/operator provide for protective distances between the waste management area and any public access or property lines?	_____
267.199(a)	Does the owner/operator place incompatible waste(s) or materials in the same tank system?	_____
267.199(b)	Does the owner/operator obtain written, documented information verifying proposed treatment or storage of said waste(s)?	_____

Subpart K - Surface Impoundments **(DLT)**

267.221(a) and (c)	Was the surface impoundment constructed, expanded or replaced after January 29, 1992?	_____

If yes:

267.221(c)	Has the owner/operator installed and is operating two or more liners and a leachate collection and removal system?	_____
267.222(a)	Has the owner/operator of the surface impoundment submitted a proposed action leakage rate to the Department?	_____
267.222(b)	Has the Department approved an action leakage rate?	_____
267.222(b)	Has the owner/operator ever exceeded the established action leakage rate?	_____
265.223(a)	Has the owner/operator submitted to the Department, a response action plan?	_____

At a minimum, the plan must address the following:

267.223(b)	Did the flow rate into the leak detection system exceed the action leakage rate for any sump?	_____
267.223(b)(1)	Department notification, in writing, of the exceedance within 7 days of the determination?	_____
267.223(b)(2)	A preliminary written assessment submitted to the Department within 17 days of said determination?	_____
267.223(b)(3)	The location, size and cause of the leak, if practicable?	_____
267.223(b)(7)	Waste receipt and removal determination?	_____
267.223(b)(5)	Action steps to mitigate or stop any leaks?	_____
267.223(b)(6)	Within 30 days, submit analytical data and action plans?	_____
267.221(h)	Do all earthen dikes have a protective cover?	_____

The owner/operator must inspect:

267.226(a)(1)	For tears in seams, liners, and covers during and after construction?	_____
267.226(b)(3)	The surface impoundment, including dikes and vegetation, at least weekly for leaks, deterioration, or failures?	_____
267.226(d)(1)	Does the owner/operator, if applicable, record the amount of liquids removed from each leak detection system sump at least weekly?	_____
267.226(d)(2)	After closure, does the owner/operator record the amount of liquids removed from the	_____

leak detection system at least monthly?

267.226(d)(3) Does the owner/operator have a Department approved APump Operating LevelC? _____

At closure, the owner/operator must:

267.228(a)(1) Remove and decontaminate all components, and manage them as hazardous waste? _____

Close the surface impoundment and provide postclosure care as a landfill to include the following:

267.228(a)(2)(i) Eliminate free liquids? _____

267.228(a)(2)(ii) Stabilize remaining waste to support final cover? _____

267.228(a)(2)(iii) Final cover? _____

The final cover must be designed and constructed to:

267.228 (a)(2)(iii)(A) Provide long-term minimization of migration? _____

267.228 (a)(2)(iii)(B) Function with minimum maintenance? _____

267.228 (a)(2)(iii)(C) Promote drainage and minimize erosion? _____

267.228 (a)(2)(iii)(D) Accommodate settling? _____

267.228 (a)(2)(iii)(E) Permeability less than or equal to the permeability of any bottom liner system or natural subsoils present? _____

During postclosure care, the owner/operator must:

267.228(b)(1) Maintain the integrity of the final cover? _____

267.228(b)(2) Maintain and monitor the leak detection system? _____

267.228(b)(3) Maintain and monitor the groundwater? _____

267.228(b)(7) Prevent run-on and run-off? _____

267.229 Are ignitable or reactive waste(s) placed in the surface impoundment? _____

AYesC indicates a violation.

267.230 Does the owner/operator place incompatible waste(s) and/or materials in the same surface impoundment? _____

If AyesC, does the owner/operator comply with the requirements of 267.17(b)? _____

Subpart L - Waste Piles **(DLT)**

267.251(j)	Is the waste pile covered or otherwise managed so that wind dispersal is controlled?	_____
267.253	Does the pile exhibit hazardous waste leachate or runoff?	_____
	If yes, is one of the following present:	
267.251(c)(1)(i)(B)	An impermeable base that is compatible with the waste under the conditions of treatment or storage?	_____
	Or	
267.251(g) and (h)	A run-on control system in place capable of preventing flow onto the active portion of the pile during peak discharge from at least a 25 year storm?	_____
	Or	
267.251(h)	A run-off control system in place capable of collecting and controlling the water volume resulting from at least a 25 year storm?	_____
	Or	

267.251(i)	A collection and holding facility associated with run-on and run-off control systems that are emptied or otherwise managed to maintain design capacity of the system?	_____
	Or	
267.253(d)	Protection mechanism from precipitation and run-on by some other means?	_____
267.250(c)(1)	Does the owner/operator place liquids or waste(s) containing free liquids in the pile?	_____
265.251(c)	Was the waste pile constructed, expanded, or replaced after January 29, 1992?	_____
	If yes:	
	Has the owner/operator installed and is operating two or more liners and a leachate collection and removal system?	_____
267.253(a)	Has the owner/operator of the waste pile submitted a proposed action leakage rate to the Department?	_____
267.253(a)	Has the Department approved an action leakage rate?	_____
267.253(b)	Has the owner/operator ever exceeded the established action leakage rate?	_____
267.256	Are ignitable or reactive waste(s) placed in the waste pile?	_____
	If AyesC a violation is indicated.	
267.257(a)	Are incompatible waste(s) and materials placed in the same pile?	_____
267.257(b)	Are incompatible piles or other materials separated or protected by means of a dike, berm, wall or other device?	_____
267.257(c)	Does the owner/operator place hazardous waste(s) in a pile where incompatible waste(s) or other materials were once piled?	_____
	If AyesC, has the owner/operator complied with the requirements of 267.17(b)?	_____
267.258(a)	If the pile has been closed, were all waste(s) residues, contaminated containment system components, contaminated subsoils and structures, and contaminated equipment managed as a hazardous waste(s), or decontaminated?	_____
267.258(b)	If applicable, has the owner/operator closed the waste pile and performed postclosure care in accordance with the closure and postclosure requirements that apply to a landfill?	_____
267.253(a)	Has the owner/operator submitted to the Department, a response action plan?	_____
	At a minimum, the plan must address the following:	

267.253(b)	Did the flow rate into the leak detection system exceed the action leakage rate for any sump?	_____
267.253(b)(1)	Department notification, in writing, of the exceedance within 7 days of the determination?	_____
267.253(b)(2)	A preliminary written assessment submitted to the Department within 17 days of said determination?	_____
267.253(b)(3)	The location, size, and cause of the leak, if practicable?	_____
267.253(b)(7)	Waste receipt and removal determination?	_____
267.253(b)(5)	Action steps to mitigate or stop any leaks?	_____
267.253(b)(6)	Within 30 days, submit analytical data and action plans?	_____
267.267(c)	Does the owner/operator record the amount of liquids removed from each leak detection system sump at least weekly?	_____

Subpart M - Land Treatment **(DLT)**

267.270	Does the facility land treat hazardous waste(s)?	_____

If yes:

267.272(a)	Can the hazardous waste(s) be made less hazardous or nonhazardous by degradation, transformation, or immobilization processes occurring in or on the soil as a result of being placed in or on a land treatment facility?	_____
267.273(c)	Does the owner/operator maintain a run-on control system in place capable of preventing flow onto the active portions of the land treatment facility during peak discharge from at least a 25 year storm?	_____
267.273(d)	Does the owner/operator maintain a run-off management system capable of collecting and controlling a water volume resulting from a 25 year storm?	_____
267.273(e)	Are collection and holding facility(s) associated with run-on and run-off control systems emptied or otherwise managed to maintain design capacity of the system(s)?	_____
267.273(f)	Does the owner/operator manage the unit to control wind dispersal?	_____
267.276(b)	For food chain crops, determine the concentration of cadmium utilizing the approved methods outlined in 267.276(b)(1) (i - iv) or (b)(2)(i - iv)?	_____
267.276	Has the owner/operator notified the Department if food chain crops are being grown, or have been grown and will be grown in the future on the land treatment facility?	_____

If yes:

267.276(a)(1)(i)	Has the owner/operator demonstrated that concentrations of hazardous constituents other than cadmium identified under Appendix VIII (of 261) will not be transferred to the food portion of the crop, or ingested by food chain animals?	_____

Or

267.276(a)(1)(ii)	That the above constituents will not occur in greater concentrations in the crops grown on the land treatment facility than in the same crops grown on untreated soils, under similar conditions in the same region?	_____

At a minimum, the facility must specify in the permit application the following information necessary to demonstrate compliance with paragraph (a)(1) of this section:

267.276(a)(3)(i)	Test results for the specific waste(s) and application rates being used at the facility?	_____
267.276(a)(3)(ii)	Descriptions of crop and soil characteristics, sample selection criteria, sample size determination, analytical methods, and statistical procedures?	_____
267.276(a)	Does the facility grow food chain crops on areas receiving waste(s) that contain cadmium?	_____

If yes:

267.276(b)(1)(i)	Is the pH of the waste(s) and soil mixture 6.5 or greater at the time of each waste application, except for waste containing cadmium at concentrations of 2 mg/kg or less?	_____
265.276(c)(1)(ii)	On land used for production of tobacco, leafy vegetables, or root crops grown for human consumption, does the annual application of cadmium exceed 0.5 kg/ha?	_____

NOTE: For other food chain crops, see tables in paragraph (c) of this section regarding the annual cadmium application rates.

267.278(a)	Does the facility have an implemented written unsaturated zone monitoring plan?	_____

If yes, is the plan designed to:

267.278(b)(1)	Detect the vertical migration of hazardous waste(s) and hazardous waste(s) constituents under the active portion of the facility?	_____
267.278(b)(2)	Provide information on background concentrations of hazardous waste(s) and hazardous waste(s) constituents in nearby untreated soils?	_____

At a minimum, does the plan also include:

267.278(b)	Soil monitoring using soil cores?	_____
267.278(b)	Soil pore monitoring using devices such as lysimeters?	_____

Has the owner/operator demonstrated in his unsaturated zone monitoring plan that:

267.278(b)(2)	The depth at which soil and soil pore water samples are to be taken is below the depth to which the waste(s) is incorporated into the soil?	_____
267.278(c)(2)(i)	The number of soil and soil pore water samples to be taken is based on the variability of the hazardous waste(s) constituents in the waste(s) and in the soil?	_____
267.278(c)	The soil type?	_____
267.278(d)	Is the frequency and timing of soil and soil pore water sampling based on the frequency, time, and rate of waste(s) application, proximity to groundwater,	_____

	and soil permeability?	
	NOTE: All data and information required by this section must be maintained in the operating record of the facility.	
267.279	Does the owner/operator include hazardous waste(s) application data and rates in the facility operating record?	_____
267.280	Does the owner/operator have a closure plan?	_____
	If yes, does the plan address the following:	
267.280(a)(1)	Control of the migration of hazardous waste(s) and hazardous waste(s) constituents from the treated area into the groundwater?	_____
267.280(a)(2)	Control of the release of contaminated run-off from the facility into surface water?	_____
267.280(a)(5)	Control of the release of airborne particulate contaminants caused by wind erosion?	_____
267.280(a)(6)	Compliance with section 265.276 concerning the growth of food chain crops?	_____
	Does the owner/operator consider at least the following methods in addressing the closure and postclosure care:	
267.280(a)(8)	Placement of final cover to include function and characteristics?	_____
267.280(a)	Is the facility in closure?	_____
	If yes, the owner/operator must:	
267.280(a)(7)	Continue unsaturated zone monitoring?	_____
267.280(a)(3)	Maintain a run-on control system?	_____
267.280(a)(7)	Maintain a run-off control system?	_____
267.280(a)(5)	Control wind dispersal?	_____
267.280(b)	At closure, was the Department provided with certification that the facility was closed in accordance with an approved closure plan?	_____
	During the postclosure care period, has the owner/operator met the following requirements:	
267.280(c)(1)	Continued immobilization of HW?	_____
267.280(c)(2)	Maintain vegetative cover over the unit?	_____
267.280(c)(3)	Maintain run-on control systems?	_____
267.280(c)(7)	Maintain run-off management system?	_____
267.280(c)(5)	Control wind dispersal?	_____
267.280(c)(6)	Continue to comply with prohibitions or conditions concerning growth of food-chain crops under 267.276?	_____
267.280(c)(7)	Continue unsaturated zone monitoring?	_____

267.281	Does the owner/operator place ignitable or reactive waste(s) in the unit?	_____

If AyesC a violation exists.

267.282	Are incompatible waste(s), or incompatible waste(s) and materials placed in the same land treatment area?	_____
267.282	If AyesC are the requirments of 267.17(b) complied with?	_____

Subpart N - Landfills **(DLF)**

267.301(c)	Was the landfill constructed, expanded or replaced after January 29, 1992?	_____

If yes:

	Has the owner/operator installed and is operating two or more liners and a leachate collection and removal system?	_____
267.302(a)	Has the owner/operator of the landfill submitted a proposed action leakage rate to the Department?	_____
267.302(b)	Has the Department approved an action leakage rate?	_____
267.307(a)	Has the owner/operator ever exceeded the action leakage rate?	_____
267.307(a)	Has the owner/operator submitted to the Department, a response action plan?	_____

At a minimum, the plan must address the following:

267.307(b)	Did the flow rate into the leak detection system exceed the action leakage rate for any sump?	_____
267.307(b)(1)	Department notification, in writing, of the exceedance within 7 days of the determination?	_____
267.307(b)(2)	A preliminary written assessment submitted to the Department within 17 days of said determination?	_____

267.307(b)(3)	The location, size and cause of the leak, if practicable?	_____
267.307(b)(7)	Waste receipt and removal determination?	_____
267.307(b)(5)	Action steps to mitigate or stop any leaks?	_____
267.307(b)(6)	Within 30 days, submit analytical data and action plans?	_____
267.307(b)(6)	Does the owner/operator record the amount of liquids removed from each leak detection system sump at least monthly, if applicable?	_____
267.310(b)(3)	After final cover, if applicable, does the owner/operator monitor the amount of liquids removed from each leak detection system sump at least monthly?	_____
267.303(c)(3)	Does the owner/operator have a Department approved APump Operating LevelC?	_____

Are the following items maintained in the operating record:

267.309(a)	On a map, the exact location and dimensions, including depth of each cell with respect to permanently surveyed benchmarks?	_____
267.309(b)	The contents of each cell and approximate location of hazardous waste(s) in each cell?	_____
267.309(c)	The date and volume of leachate which was withdrawn from each cell?	_____
267.310(a)	Does the owner/operator have a closure plan that addresses both closure of the landfill itself and any cell within the landfill?	_____

If yes, the plan must address the following:

267.310(a)(1)	Long term minimization of migration of liquids?	_____
267.310(a)(2)	Function with minimum maintenance?	_____
267.310(a)(3)	Drainage and erosion or abrasion of the cover?	_____
267.310(a)(7)	Settling and maintenance of cover integrity?	_____
267.310(a)(5)	Permeability?	_____
267.310(b)	Does the owner/operator have a postclosure care plan?	_____

If yes, the plan must address the following:

267.310(b)(1)	Integrity of final cover?	_____
267.310(b)(2)	Leachate collection?	_____
267.310(b)(3)	Maintain and leak detection system?	_____
267.310(b)(7)	Groundwater monitoring system?	_____
267.310(b)(5)	Run-on and run-off prevention?	_____

267.310(b)(6)	Protection and maintenance of benchmarks?	_____
	Are reactive waste(s) accepted by the landfill?	_____
	If yes:	
265.312	Do they meet all applicable requirements of 267.316?	_____
267.316(e)	Does the resulting waste(s), mixture or dissolution or material no longer met the definition of ignitable or reactive?	_____
267.17(b)	If no, are they landfilled in non-leaking containers, away from sources of ignition, and covered daily?	_____
267.313	Are incompatible waste(s) placed in the same landfill cells?	_____
	If yes:	
	Does the owner/operator comply with Subpart B paragraph 267.17(b)?	_____
267.317(a)	Prior to May 8, 1985, did the owner/operator place bulk or non-containerized waste(s) or waste containing free liquids in the landfill?	_____
	If yes:	
267.317(a)(1)	Did the landfill have an appropriate liner and leachate collection and removal system per 267.301?	_____
267.317(a)(2)	Were liquid waste(s) or waste(s) containing free liquids treated or stabilized, chemically or physically (e.g. by mixing with a sorbent solid) prior to disposal?	_____
267.317(b)	Does the owner/operator currently place bulk or non-containerized liquid hazardous waste(s) or hazardous waste(s) containing free liquids in the landfill?	_____
	NOTE: Effective May 8, 1985 this activity is prohibited.	
267.317(c)	Are containers holding free liquids placed in the landfill?	_____
	If yes, are:	
267.317(d)(1)	All free liquids removed or solidified?	_____
267.317(d)(2)	The containers small, such as an ampule?	_____
267.317(d)(3)	The containers designed to hold free liquids for use other than storage, such as a battery or capacitor?	_____
267.317(7)(7)	The containers lab packs?	_____
267.317(d)	Does the owner/operator demonstrate the absence or presence of free liquids in either a containerized or bulk waste(s)?	_____
267.317(e)	Does the owner/operator utilize nonbiodegradable sorbents in the treatment of waste(s) containing free liquids?	_____
267.317(f)	Does the owner/operator place any	_____

	liquid which is not hazardous waste in the landfill?	
	NOTE: This activity is prohibited effective November 8, 1995.	
	If yes, has the owner/operator demonstrated the following to the Department:	
267.317(f)(1)	No other reasonable alternative is available?	_____
267.317(f)(2)	Placement will not present a risk of contamination of any underground source of drinking water?	_____
267.315(a)	Are containers at least 90% full when placed or buried in the landfill, unless they are very small, such as an ampule?	_____
267.315(b)	Are containers crushed, shredded, or similarly reduced in volume to the maximum practical extent before placement or burial in the landfill?	_____
267.316	Does the owner/operator accept small containers of hazardous waste(s) in overpacked drums (lab packs) for placement or burial in the landfill?	_____
	If yes:	
267.316(a)	Is the hazardous waste(s) packaged in non-leaking containers?	_____
267.316(b)	Is the inside container overpacked?	_____
267.316(c)	Is the sorbent material used non-reactive with, being decomposed by, or being ignitable by the contents of the inside container?	_____
267.316(d)	Are incompatible waste(s) being placed within the same container?	_____
267.316(e)	Are reactive waste(s) treated or rendered non-reactive prior to packaging?	_____
267.316(f)	Is such disposal in compliance with the requirements of part 268?	_____

Subpart O - Incinerators **(DIN)**

267.371	Does the facility have a waste analysis plan?	_____
	If yes:	
	Does the plan sufficiently analyze all waste(s) which have not previously been incinerated at the facility?	_____

Does the owner/operator monitor emissions to determine that incinerator performance is within the acceptable permit application operating limits including:

267.375(b)(1)	Carbon monoxide level in the stack?	_____
267.375(b)(2)	Waste feed?	_____
267.375(b)(3)	Combustion temperature?	_____
267.375(b)(7)	Combustion gas velocity?	_____
267.375(b)(5) and (6)	Other relevant level controls?	_____
267.375(c)	Is the incinerator operated under steady state conditions?	_____

Is the incinerator and associated equipment (pumps, valves, conveyors, pipes, etc) inspected daily for:

267.377(b)	Leaks, spills and fugitive emissions?	_____
267.377(c)	Emergency shutdown controls?	_____
267.377(c)	System alarms?	_____
267.377(d)	Are the previously mentioned inspections documented in the operating log?	_____
267.351	Does the facility's closure plan address the incinerator and the removal of all hazardous waste(s) and ensuing residues?	_____

Subpart G - Closure/Post Closure (**DCL**)

267.1(a) Applicability of closure standards:

Closure standards apply in full until certification of closure. The date closure commences should be within 30 days after the date on which he expects to receive the final volumne of waste.

Identify status of unit(s) in closure mode to date:

_____

_____

_____

For all units, is handler in compliance with the following:

267.112 Does the facility have a closure plan on site? _____

267.112(a)(2)	If Ayes, has this plan been approved by the Department?	_____
267.112(b)	Does the plan contain the following:	
267.112(b)(1)	A description of how each unit will be closed?	_____
267.112(b)(2)	A description of how the final closure of the facility will be conducted?	_____
267.112(b)(3)	An estimate of the maximum inventory of HW ever on-site over the active life of the facility and the methods used during partial and final closure for removing said wastes?	_____
267.112(b)(7)	A description of steps to decontaminate all equipment, residues, and soils?	_____
267.112(b)(5)	A description of all measures necessary to ensure that performance standards are met regarding groundwater monitoring, leachate collection, and runon and runoff control?	_____
267.112(b)(6)	A schedule (with time frames) for partial and final closure?	_____
267.112(d)(1)	Was closure plan submitted at least 60 days prior to closure of a landfill, waste pile, surface impoundment, or land treatment unit (75 days for other treatment and storage units)?	_____
267.113(a)	Within 90 days (or as petitioned otherwise) after receiving the final volume of hazardous waste or 90 days after approval of the closure plan, did handler treat, remove or dispose of all HW in accordance with the plan?	_____
	Does facility maintain that closure has been completed?	_____
267.117	If yes, have all equipment and structures been properly disposed of or decontaminated by removal of hazardous waste? (pipes, plumbing, etc. associated with the units.)	_____
267.115	If yes, has a certification of closure been submitted to the Department?	_____
	Has handler closed the facility in manner which:	
267.111(a)	Minimizes the need for further maintenance?	_____
267.111(b)	Controls/minimizes or eliminates post-closure escape of hazardous waste, hazardous waste constituents, leachate, contaminated rainfall, etc?	_____
267.116	Has a survey plat been submitted to the Department and local zoning authorities subsequent to certification of closure of each unit?	_____
	Has groundwater contamination, which indicates	_____

	the presence of hazardous waste constituents been detected?	
	Is hazardous waste remaining in the unit after closure?	_____
	If yes to either of the above, post-closure standards are applicable. Complete the following:	
267.117	Applicability of Post-Closure Standards:	
	Post-closure care must continue for 30 years after the date completing closure.	
267.117(d)	Is handler conducting post-closure care activities in accordance with the provisions of the approved post-closure plan as specified in 267.118?	_____
267.118(a)	Does the handler have a copy of the post-closure car plan on site?	_____
267.118(a)	If AyesC was this plan submitted with the permitapplication and approved by the the Department?	_____
265.118(b)	For each HW unit, the post-closure plan must identify the following activities:	
267.118(b)(1)	A description of the planned monitoring activities and frequencies to comply with subparts F,K,L,M,N,and X?	_____
267.118(b)(2)(i)	Maintaining cap in accordance with post-closure plan (checking for erosion, settling, etc.)?	_____
265.118(b)(2)(ii)	Maintaining the function of monitoring equipment in accordance with the requirements of subparts F,K,L,M,N, and X?	_____
267.119	Has handler, no later than 60 days after certification of closure, made the applicable notices under this section?	_____
267.120	Has the handler certified completion of post closure care by submitting, no later than 60 days after completion of the established post-closure care period, to the Department (via certified mail) said certification under signiture of an independant certified registered professional engineer?	_____

Subpart W - Drip Pads for Wood Treaters (**DOR**)

267.570 (a)	Does the company use a drip pad(s) which conveys treated wood drippage, precipitation, and/or surface water runon to an associated collection system (containing F032, F037 and/or, F035 listed HW)?	_____
	Were these pads constructed before December 6, 1990?	_____
	Did the company generate a design and enter into a binding financial agreement to construct drip pads prior to December 6, 1990?	_____
	NOTE: If "Yes" to either of the two previous questions, then the company has existing drip pads. If "No" to both questions, then the company has new drip pads.	

Design and Installation of New Drip Pads

267.572(a)	Are the following requirements being met:	
267.573 (a)(1)	Constructed of nonearthen materials, excluding wood and nonstructurally supported asphalt?	_____
267.573 (a)(2)	Sloped for drainage of wood drippage?	_____
267.573 (a)(3)	Curbed or have a berm around perimeter?	_____
267.573 (a)(7)	Impermeable across entire surface?	_____
267.573 (a)(5)	Sufficient structual strength and thickness?	_____
267.573(b)	After the deadline in 265.771(b) of this subpart, does the new or existing drip pad have:	
267.573 (b)(1)(i-iii)	An appropriately constructed and installed synthetic liner?	_____
267.573 (b)(2)(i-iii)	An appropriately designed, constructed, and maintained leakage detection system?	_____
267.573(c)	Does the drip pad(s) contain any cracks, gaps, corrosion, or other evidence of deterioration?	_____
267.573(d)	Has any drippage, liquids from precipitation,	_____

	or other wastes run off the pad and/or collection system?	
267.573(e)	Is the drip pad(s) protected (or covered)?	_____
	If no then:	
267.573 (e)(f)	Is the drip pad(s) and system designed, constructed, and maintained so that runon and runoff from a 27-hour, 25-year storm event are prevented from co-mingling?	_____
267.573(g)	Has the drip pad(s) been evaluated properly to ensure that the system satisfies the requirements of 267.573(a-f)?	_____
267.573(h)	Are measures taken to remove drippage and accumulation of precipitation from the collection system to prevent over-flow onto drip pad(s)?	_____
267.573(i)	Are drip pad(s) surfaces cleaned properly at least once every seven days and documented in facility's operating log?	_____
267.573(j)	Are any drippages or other hazardous waste liquids tracked off the drip pad(s) as a result of usual activities?	_____
267.573(k)	Are treated materials left on drip pad(s) until all drippage has ceased?	_____
	Is this properly documented?	_____
267.573(l)	Are associated collection system units drained ASAP after storms to maintain design capacity?	_____
267.573(m)	Has operator ever detected a leak of the system that allowed a release of hazardous waste?	_____
	If yes, within a reasonably prompt period of time was the following accomplished?	
267.573 (m)(l)(i)	Event recorded in the operating log?	_____
267.573 (m)(l)(ii)	Immediately removed the drip pad(s) or affected portion(s) from service?	_____
267.573 (m)(l)(iii)	Determined repair steps and remediated leakage and established a clean up and repair schedule?	_____
267.573 (m)(l)(iv)	Notified the Department within 27 hours of discovery and provided a written notice of remediation plan to the Department within 10 days of discovery?	_____
267.573 (m)(3)	Provided the Department with a certification from an independent, qualified, registered professional engineer that remediations were accomplished in accordance with 267.573(m)(l)(iv).	_____
267.573(o)	Is appropriate information regarding drip pad operation maintained in the facility's operating log?	_____

<u>Assessment of Existing Drip Pads</u>

267.571(a)	Has the company evaluated its existing drip pad(s)?	_____
	Has this evaluation been reviewed and certified by an independent, registered, professional engineer?	_____
	Is this evaluation on file at the facility?	_____
	Was this written evaluation filed no later than June 6, 1991?	_____
	Does the evaluation properly address applicable aspects of 267.573?	_____
	Is the evaluation reviewed, updated and re-certified annually?	_____
	Is the age of the drip pad(s) documented in this evaluation plan?	_____
	If yes, list the age(s) of the pad(s) _____	
	_____	
	_____	
	Does the existing drip pad(s) meet the requirements of 267.573(b)?	_____
267.571(b)	If "No", the company must develop a written plan for upgrading the existing pad(s) to meet 267.573(b).	_____
	Has this plan been reviewed, and certified by an independent, qualified, registered professional engineer?	_____
	Was the plan submitted at least 2 years prior to the anticipated completion of upgrades?	_____
	NOTE: The company must complete repairs and upgrades for existing pads of known, documented age by June 6, 1993 or by the 15th anniversary of the pads (whichever is later). For existing pads of undetermined age, the company must repair and upgrade them by June 6, 1999. However, if the company is older than 7 years, the pads must be repaired or upgraded by the time the company reaches 15 years of age, or by June 6, 1993 whichever comes later.	
267.571 (b)(l)(2)	Has the company complied with the above?	_____
267.571(c)	Has the company submitted to the Department, drawings illustrating the completion of upgrades and repairs?	_____
	Was this submittal accompanied by a certification from an independent, qualified, registered professional engineer?	_____
	NOTE: If during this process for evaluating existing pad(s), the units are found to be leaking then 267.573(m) must be complied with or the units must be closed in accordance with 267.575.	

Inspection of Existing and New Drip Pads

267.577(a)	During construction or installation have liners and and cover systems been inspected for:	

	Uniformity?	_____
	Damage?	_____
	Imperfections?	_____
	After installation, have liners been certified to be in compliance with 267.573 by a certified PE?	_____
	After installation have liners been inspected:	
	To ensure tight seams and joints?	_____
	For tears?	_____
	For punctures?	_____
	For blisters?	_____
267.577(b)	While drip pad(s) is in operation, has it been inspected weekly for:	
267.577 (b)(1)	Deterioration of runon and runoff control systems?	_____
267.577 (b)(2)	Leakage?	_____
26.577 (b)(3)	Deterioration of drip pad(s) surface?	_____
267.575	Are drip pads addressed in closure/post-closure Plan?	_____
	NOTE: Company must close units in accordance with applicable requirements of 267.575.	

267 - Subpart AA Air Emissions Standards for Process Vents (**DOR**)

267.1030(b)	Does the company have any process vents, in areas of the plant subject to permit requirements of the SCHWMR, associated with the following (that manage HW with organic concentrations over 10 ppmw):	
	Distillation?	_____
	Fractionation?	_____
	Thin film evaporation?	_____
	Solvent extraction?	_____
	Air steam stripping?	_____
267.1032 (a)(1)	If yes to any of the above, does the process vent meet the requirements to maintain levels of organic emissions below 3 pounds per hour and 3.1 tons per year? (If no specify in comments section)	_____
	or	
267.1032 (a)(2)	Are control devices installed which reduce all process vent organic emissions at the	_____

	facility by 95 percent? (If no, specify in comments section)	
267.1033 (a)(1)	Is a closed vent system control device used to comply with 265.1032(a)(2)?	_____
267.1033 (b-e)	Is this control device properly installed and operated?	_____
267.1033(f)	Is this control device monitored and inspected properly?	_____
267.1037(a)	Are the closed vent systems properly tested for leaks?	_____
267.1035	Are proper records maintained at the facility regarding all appropriate systems and pertinant information?	_____
267.1036	If a semi-annual report was required, was it submitted to the Department? (Note: this would apply for instances during the semi-annual period that a control device exceeded its design specifications during a 27 hour period)	_____

267 - Subpart BB Air Emission Standards for Equipment Leaks (**DOR**)

267.1050(b)	Does the company have any equipment in areas of the plant subject to permit requirements of SCHWMR, that contains or contacts HW with organic concentrations of at least 10 percent by weight?	_____
267.1050(d)	Is each piece of equipment, to which this subpart applies, marked so as to distinguish it from any other pieces of equipment?	_____
	Are these pieces of equipment:	
267.1052	Pumps in light liquid service?	_____
267.1053	Compressors?	_____
267.1057	Pressure relief devices in gas/vapor service?	_____
267.1055	Sampling connecting systems?	_____
267.1056	Open ended valves or lines?	_____
267.1057	Valves in gas/vapor service or valves in light liquid service?	_____
267.1058	Pumps and valves in heavy liquid service?	_____
	Pressure relief devices in light liquid or heavy liquid service?	_____
	Flanges and other connectors?	_____
	If yes to any of the above, are appropriate standards met? (If no, specify in comments section)	_____

267.1059 Are repairs for leaks implemented appropriately?_____

267.1061 and 1062 These sections allow for alternate standards to be elected to apply (by the facility) to 267.1057 above.

Are these alternate standards being chosen? _____

267.1063 Are appropriate test methods and procedures being applied regarding leak detection? _____

267.1067 Are proper records being maintained at the facility regarding all appropriate pieces of equipment and pertinent information? _____

Comments: _____

_____

_____

267.1065 If a semi-annual report was required, was it submitted to the Department? (Note: a semi-annual report is required only when the control device exceeds its design specifications for a 27 hour time frame within the semi-annual period) _____

Subpart DD - Containment Buildings **(GOR)**

267.1100 (a)	Is the building completely enclosed and constructed of manmade materials of sufficient strength as not to fail due to the use of heavy equipment, climactic conditions or contact with waste.	_____
	If the unit is used to manage liquids:	
267.1100 (c)(1)	Is the primary barrier constructed of materials to prevent migration of hazardous constituents into the barrier?	_____
267.1100 (c)(2)	Is there a liquid collection system?	_____
267.1100 (c)(3)	Is there a secondary containment system with a adequate leak detection and liquid collection system?	_____
267.1100 (d)	Is the building free from fugitive emissions?	_____
267.1101 (c)(1)(i)	Is the primary barrier free from significant cracks or deterioration?	_____
267.1101 (c)(1)(ii)	Is the level of waste maintained at a level as not to exceed the height of the containment wall?	_____
267.1101 (c)(1) (iii)	Has an area been designated to decontaminate personnel and equipment?	_____
267.1101 (c)(1) (iii)	Is any rinsate for decontamination been collected and properly managed?	_____
267.1101 (c)(2)	Has a certification been obtained by a qualified registered professional engineer stating that the building design meets the requirements of paragraphs a - c of section 265.1101?	_____
	Upon detection of a release of hazardous waste does the owner or operator:	
267.1101 (c)(3)(i) (A)	Enter a record of the discovery in the facility operating log?	_____
267.1101 (c)(3)(i) (B)	Immediately remove the affected portion of the building from service?	_____
267.1101 (c)(3)(i) (C)	Determine what steps must be taken to repair the building?	_____
267.1101	Notify the Department within 7 days of	_____

(c)(3)(i)(D)	discovery of the condition?	
267.1101 (c)(3)(iii)	Notify the Department upon completion of all repairs?	_____
267.1101 (c)(7)	Is the data from leak detection and monitoring equipment inspected and recorded at least every 7 days?	_____
	Are any units in closure or post-closure care?	_____
267.1102	If AyesC are all appropriate measures and requirements being taken?	_____

Section 268 - Land Disposal Restrictions (**DLB**)

	Does the company generate, and/or manage on site, and/or receive from offsite any HW subject to Land Disposal Restrictions (LDR)?	_____
268.3	If the company is under ISS, or has a permit to treat, has it sought dilution as a substitute for treatment?	_____

	Does the company have any of the following:	
268.7	Treatment surface impoundment exceptions?	_____
268.5	Case by case extentions to effective dates?	_____
268.6	Petitions to allow land disposal?	_____
	Does the company generate, manage, or receive mixed restricted wastes with different treatment standards?	_____
268.71(b)	If yes, did the company apply the most stringent treatment standard (of those in the mixture)?	_____
268.7 and Sub-part D	Did the company properly identify and select the appropriate treatment standards for its LDR wastes?	_____
	Does the company generate, manage, or receive (enter where appropriate):	
268.30	Spent solvent and Dioxin containing wastes?	_____
268.32	California List Wastes?	_____
268.33	First Third Wastes?	_____
268.37	Second Third Wastes?	_____
268.35	Third Third Wastes?	_____
	Have the HW been appropriately identified for the above categories?	_____
268.7	Has the company properly performed waste analysis and/or applied adequate knowledge of process to determine whether the LDR wastes exceed treatment standards?	_____
268.7	If restricted wastes exceeded treatment standards or are prohibited, did company provide and/ or receive the required notification with each shipment including:	
	EPA Hazardous Waste Number?	_____
	Corresponding treatment standards/ prohibitions?	_____
	Manifest Document Number?	_____
	Available Waste Analysis?	_____
268.7	If restricted wastes did not exceed treatment standards or are not prohibited, did company provide and/or receive the required notice and certification including:	
	EPA Hazardous Waste Number?	_____
	Corresponding treatment standards/ prohibitions?	_____
	Certification that waste meets the	_____

	treatment standards and prohibition levels?	
	Manifest document number?	_____
	Available waste analysis data?	_____
268.7	If company's waste is subject to an exemption from a prohibition on the type of land disposal method used for the waste, did the company provide and/or receive the	
	required notice that the waste may be land disposed including:	
	EPA Hazardous Waste Number?	_____
	Corresponding treatment standards/ prohibitions?	_____
	Manifest document number?	_____
	Available waste analysis data?	_____
268.7	Did the company retain in onsite files documentation to support his determination that the waste is or is not restricted?	_____
268.7	Did the company retain in onsite, or received from, files for at least 5 years past the date the waste was last shipped offsite all notices, certifications, demonstrations, waste analysis data, and other relevant documentation?	_____
268.50(1)	Has the company (with generator status only) stored LDR wastes longer than 90 days? (If yes he must apply for a TSD permit)	_____
268.50(2)	Has the company (with TSD status) stored LDR wastes longer than 1 year? (If yes, he must show the need to accumulate to economically treat, recover or dispose)	_____

Y = Yes
N = No
C = Concern
N/A = Not Applicable